



**NAMIBIA UNIVERSITY  
OF SCIENCE AND TECHNOLOGY**

**FACULTY OF MANAGEMENT SCIENCES  
DEPARTMENT OF MARKETING AND LOGISTICS**

<b>QUALIFICATION: BACHELOR OF TRANSPORT MANAGEMENT</b>	
<b>QUALIFICATION CODE: 07BTRM</b>	<b>LEVEL: 6</b>
<b>COURSE CODE: RIM611S</b>	<b>COURSE NAME: ROAD SAFETY AND INFRASTRUCTURE MANAGEMENT</b>
<b>SESSION: JUNE 2019</b>	<b>PAPER: THEORY</b>
<b>DURATION: 3 HOURS</b>	<b>MARKS: 100</b>

<b>First Opportunity Examination Question Paper</b>	
<b>LECTURER</b>	Ms. Sylvia Kwenani
<b>MODERATOR</b>	Ms. Gloria Tshoopara

<b>INSTRUCTIONS</b>
<ol style="list-style-type: none"><li>1. Answer ALL the questions.</li><li>2. Write clearly and neatly.</li><li>3. Number the answers clearly.</li></ol>

**THIS QUESTION PAPER CONSISTS OF 3 PAGES (Including this front page)**

**QUESTION 1****(10 X 2 Marks)****Answer the following questions by indicate either TRUE or FALSE.**

1.1 Nikolaus August Otto completed the first four-stroke internal combustion engine which he then fitted to a motorcycle.

1.2 One of the objectives of TEACH-VIP is to advocate for injury prevention in communities.

1.3 The first patent for seatbelts in motorcars was issued in New York in 1895.

1.4 Gross National Product is the sum of some goods and services made in a country.

1.5 It is said that human behaviour is the most regulated area in road safety.

1.6 FIU Foundation is one of the organisations and interest groups involved in road safety on an international basis.

1.7 In Namibia the Road Traffic and Transport Act 22 of 1991 of the Road Traffic and Transport Regulations, 2000, guide road user behaviour.

1.8 R13 H – braking (passenger cars) – development of ABS to avoid skidding is one of the regulations that specifically regulate vehicle safety and the protection of occupants in case of a crash.

1.9 One of the first events that started road safety benchmarking was the 1986 Vienna Convention on Road Traffic.

1.10 In 1968 Allan Breed, invented a reliable five dollar crash sensor.

**Sub-total: 20 Mark****QUESTION 2****(5 X 2 Marks)****What do the abbreviation stand for?**

2.1 IRTAD

2.2 SSATPP

2.3 WHO

2.4 GRSP

2.5 SADC

**Sub-total: 10 Mark**

### **QUESTION 3**

3.1 Discuss road safety in the context of social, economic and environmental priorities.

**(15 Marks)**

3.2 List any ten (10) tasks of the Lead Agency on national level in Road Safety?

**(10 Marks)**

3.3 Discuss the main strategic focus area of the MVA Fund?

**(20 Marks)**

3.4 Discuss Institutional Management functions that provide the foundation on which Road Safety Management Systems are built?

**(20 Marks)**

3.5 Mention any five (5) factors that should be considered when designing a road safety vision?

**(5 Marks)**

**Sub-total: 70 Marks**

**Grand Total: 100 Marks**